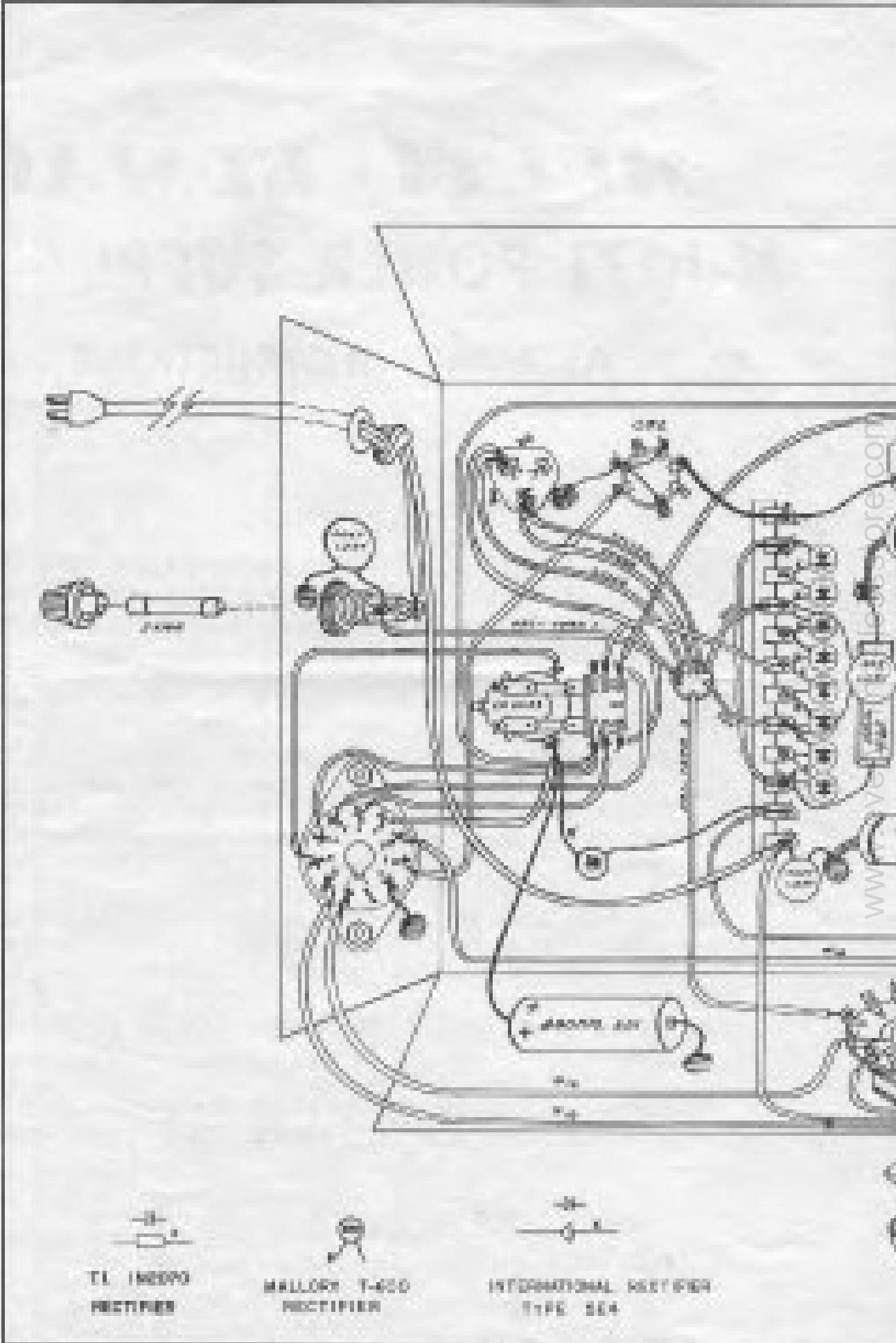


# **MULTI-ELMAC**

## **M-1071 POWER SUPPLY KIT**

### **ASSEMBLY INSTRUCTIONS**

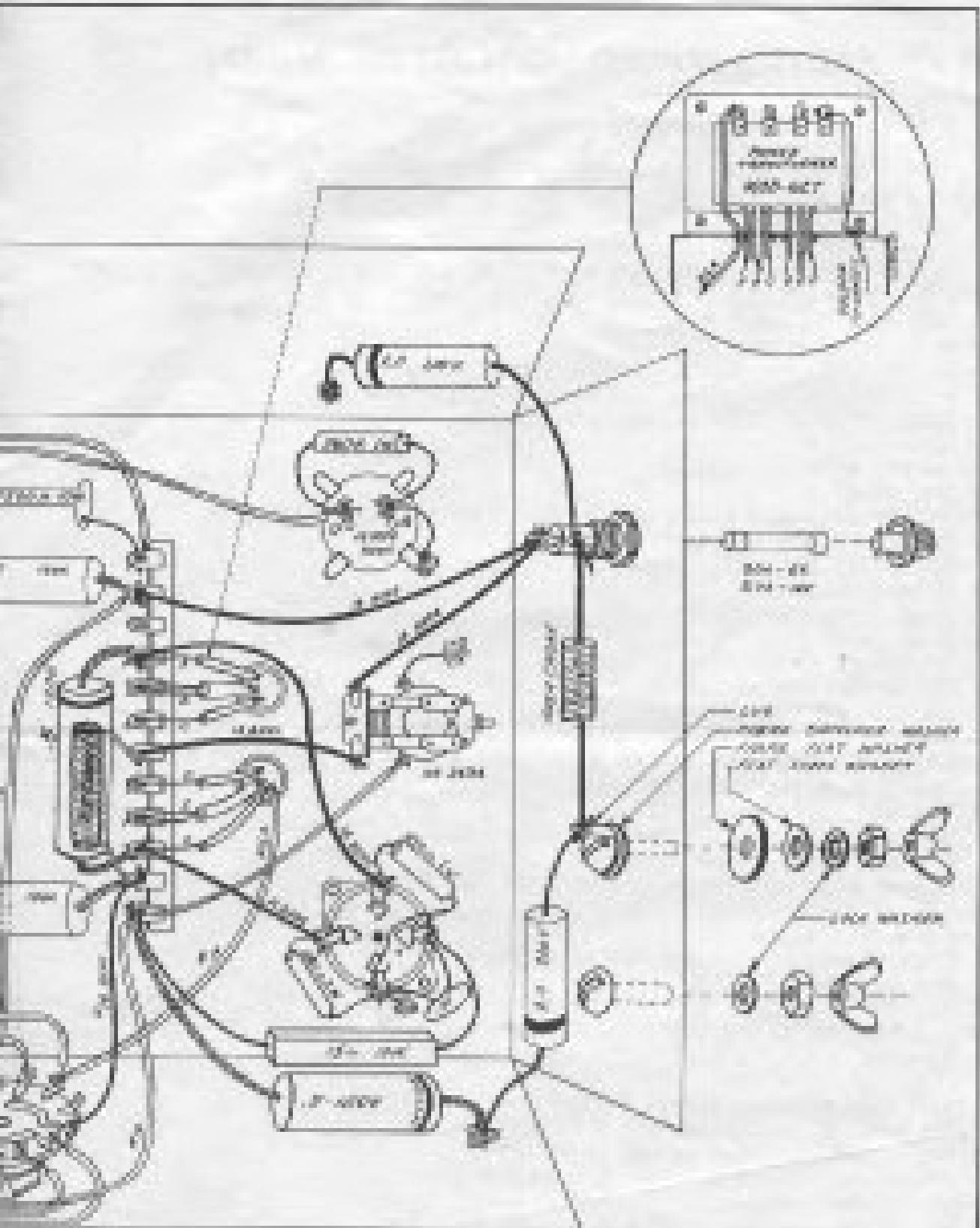
1. Be sure to mount relay RY-202 (KCR-2538) with a 6-32 X 1/4" flat head machine screw BEFORE filter choke L-103 is mounted. Remove threaded mounting stud and use tapped hole for mounting.
2. When mounting power transformer T-201 (#M88-827) straighten the heavy primary leads marked A, B, C, D, E, & F on drawing #571A and insert them through the appropriate ground-mount holes without crimping and connect them to the terminal strip in the order indicated. If any of these wires are interchanged the power supply will be damaged and will void the warranty.
3. Carefully check drawing #571A and drawing #570A for polarity of the 8 silicon rectifiers. If only ONE is inserted wrong all others may be damaged.
4. Double check your wiring against drawing #571A as you proceed.
5. The pictorial wiring diagram #571A does not show the 8 volt or 12 volt jumpers. Refer to drawing #572 for these jumpers.



T-1 MEDIUM  
RECTIFIER

MALLORY T-450  
RECTIFIER

INFORMATIONAL RECTIFIER  
TYPE 564



MULTIPRODUCTS CO.  
GENERAL ELECTRIC COMPANY  
Dayton 1-2000

PICTORIAL

Part No.	Rev.	Date	Page
571A			
571B			
571C			

PRINTED IN U.S.A. 571A

## LIST OF PARTS SUPPLIED WITH KIT No. M-1071

- 1 - Chassis with following parts riveted in place.
  - 1 - 11 prong socket. 1 - 7 pin miniature socket.
  - 1 - Vibrator socket. 1 - Vibrator clamp.
  - 2 - 12 point tie strips. 3 - Metal grommets.
- 1 - Bottom mounting plate.
- 1 - Cover with name plate riveted on.
- 1 - Power transformer, T-201. #M108-62T.
- 1 - Filter choke, L-203. #M121-C2J
- 1 - Vibrator, #1314.
- 1 - V.H. Tube, #QB2.
- 1 - Filter capacitor, C-203, 15 mfd/700 V.
- 1 - Filter capacitor, C-203, 15-15-1D/450 V.
- 2 - Fuse holders. With mounting hardware.
- 1 - Line cord, 6'.
- 1 - Rubber grommet, 2 $\frac{1}{8}$ ".
- 1 - Bar knobs, 1 $\frac{1}{4}$ ".
- 1 - Rotary switch, 3 pole 3 pos. #666. with mounting hardware.
- 1 - Relay, RY-201. #K12-2634.
- 1 - Relay, RY-202. #K12-2639.
- 3 - Silicon rectifiers.
- 1 - Hash choke Part #409A. (#LT wire)
- 1 - Hash choke Part #409B. (#14 wire)
- 4 - Hash capacitors, .5 mfd. 120 V.
- 1 - Capacitor, .000 mfd. 25 V.
- 2 - Capacitors, disc ceramic, .0047 mfd. 1.5 KV.
- 1 - Capacitor, disc ceramic, .015 mfd. 1.5 KV.
- 2 - Capacitor, metallized paper, 2 mfd. 200 V.
- 1 - Resistor, wire wound, 2500 ohm, 10 watt.
- 1 - Resistor, wire wound, 16 ohm, 1 watt.
- 1 - Resistor, composition, 540,000 ohm, 1 watt.
- 1 - Resistor, wire wound, 50 ohms, 10 watts
- 2 - Resistors, composition, 350 ohm, 2 watt.
- 1 - Fuse, 5 amperes.
- 1 - Fuse, 30 amperes.
- 1 - Capacitor, disc ceramic, .01 mfd. 600 V.
- 1 - Hex nut, 8-32 X 5/16".
- 2 - Hex nut, 8-32 X 11/32".
- 4 - Hex nut, 10-32 X 3/8".
- 2 - Hex nut, 1/4-20 X 7/16".
- 2 - Wing nut, 1/4-20.
- 1 - Flat head machine screw, 8-32 X 1/4".
- 2 - Round head machine screw, 8-32 X 3/8".
- 4 - Round head-machine screw, 10-32 X 1/2".
- 2 - Round head machine screw, 1/4-20 X 3/4".
- 12 - Sheet metal screws.
- 1 - Internal tooth shakerguard lock washer #6.
- 2 - Internal tooth shakerguard lock washer #8.
- 4 - Internal tooth shakerguard lock washer #10.
- 2 - Internal tooth shakerguard lock washer 1/4".
- 1 - Flat steel washer, 1/4" ID X 3/4" OD X 1/16" thick.
- 1 - Flat fibre washer, 1/4" ID X 1 1/8" OD X 1/16" thick.
- 1 - Shoulder fibre washer, 1/4" ID X 1/2" OD X 3/16" shoulder.
- 1 - Solder lug, 1/4".
- 1 - Post solid bare #14 copper wire.
- 4 - Post solid insulated #16 copper wire.
- 6 - Post solid insulated #20 copper wire.